

## APPENDIX 1

**As shown herein, figures FIG. 1A, FIG. 1B and FIG. 2B are to be deleted. The deleted matter is shown by brackets. A set of amendment (replacement) figures FIG. 1A, FIG. 1B and FIG. 2B, are provided thereafter.**

FIG. 1A

Met Leu Ala Arg Ala Leu Leu Leu Cys Ala Val Leu Ala Leu Ser His  
 1 5 10 15

Thr Ala Asn Pro Cys Cys Ser His Pro Cys Gln Asn Arg Gly Val Cys  
 20 25 30

Met Ser Val Gly Phe Asp Gln Tyr Lys Cys Asp Cys Thr Arg Thr Gly  
 35 40 45

Phe Tyr Gly Glu Asn Cys Ser Thr Pro Glu Phe Leu Thr Arg Ile Lys  
 50 55 60

Leu Phe Leu Lys Pro Thr Pro Asn Thr Val His Tyr Ile Leu Thr His  
 65 70 75 80

Phe Lys Gly Phe Trp Asn Val Val Asn Asn Ile Pro Phe Leu Arg Asn  
 85 90 95

Ala Ile Met Ser Tyr Val Leu Thr Ser Arg Ser His Leu Ile Asp Ser  
 100 105 110

Pro Pro Thr Tyr Asn Ala Asp Tyr Gly Tyr Lys Ser Trp Glu Ala Phe  
 115 120 125

Ser Asn Leu Ser Tyr Tyr Thr Arg Ala Leu Pro Pro Val Pro Asp Asp  
 130 135 140

Cys Pro Thr Pro Leu Gly Val Lys Gly Lys Lys Gln Leu Pro Asp Ser  
 145 150 155 160

Asn Glu Ile Val Glu Lys Leu Leu Arg Arg Lys Phe Ile Pro Asp  
 165 170 175

Pro Gln Gly Ser Asn Met Met Phe Ala Phe Phe Ala Gln His Phe Thr  
 180 185 190

His Gln Phe Phe Lys Thr Asp His Lys Arg Gly Pro Ala Phe Thr Asn  
 195 200 205

Gly Leu Gly His Gly Val Asp Leu Asn His Ile Tyr Gly Glu Thr Leu  
 210 215 220

Ala Arg Gln Arg Lys Leu Arg Leu Phe Lys Asp Gly Lys Met Lys Tyr  
 225 230 235 240

Gln Ile Ile Asp Gly Glu Met Tyr Pro Pro Thr Val Lys Asp Thr Gln  
 245 250 255

Ala Glu Met Ile Tyr Pro Pro Gln Val Pro Glu His Leu Arg Phe Ala  
 260 265 270

Val Gly Gln Glu Val Phe Gly Leu Val Pro Gly Leu Met Met Tyr Ala  
 275 280 285

Thr Ile Trp Leu Arg Glu His Asn Arg Val Cys Asp Val Leu Lys Gln  
 290 295 300

FIG. 1B

Glu His Pro Glu Trp Gly Asp Glu Gln Leu Phe Gln Thr Ser Arg Leu  
 305                   310                   315                   320  
 Ile Leu Ile Gly Glu Thr Ile Lys Ile Val Ile Glu Asp Tyr Val Gln  
 325                   330                   335  
 His Leu Ser Gly Tyr His Phe Lys Leu Lys Phe Asp Pro Glu Leu Leu  
 340                   345                   350  
 Phe Asn Lys Gln Phe Gln Tyr Gln Asn Arg Ile Ala Ala Glu Phe Asn  
 355                   360                   365  
 Thr Leu Tyr His Trp His Pro Leu Leu Pro Asp Thr Phe Gln Ile His  
 370                   375                   380  
 Asp Gln Lys Tyr Asn Tyr Gln Glu Phe Ile Tyr Asn Asn Ser Ile Leu  
 385                   390                   395                   400  
 Leu Glu His Gly Ile Thr Gln Phe Val Glu Ser Phe Thr Arg Gln Ile  
 405                   410                   415  
 Ala Gly Arg Val Ala Gly Gly Arg Asn Val Pro Pro Ala Val Gln Lys  
 420                   425                   430  
 Val Ser Gln Ala Ser Ile Asp Gln Ser Arg Gln Met Lys Tyr Gln Ser  
 435                   440                   445  
 Phe Asn Glu Tyr Arg Lys Arg Phe Met Leu Lys Pro Tyr Glu Ser Phe  
 450                   455                   460  
 Glu Glu Leu Thr Gly Glu Lys Glu Met Ser Ala Glu Leu Glu Ala Leu  
 465                   470                   475                   480  
 Tyr Gly Asp Ile Asp Ala Val Glu Leu Tyr Pro Ala Leu Leu Val Gln  
 485                   490                   495  
 Lys Pro Arg Pro Asp Ala Ile Phe Gly Glu Thr Met Val Glu Val Gly  
 500                   505                   510  
 Ala Pro Phe Ser Leu Lys Gly Leu Met Gly Asn Val Ile Cys Ser Pro  
 515                   520                   525  
 Ala Tyr Trp Lys Pro Ser Thr Phe Gly Gly Glu Val Gly Phe Gln Ile  
 530                   535                   540  
 Ile Asn Thr Ala Ser Ile Gln Ser Leu Ile Cys Asn Asn Val Lys Gly  
 545                   550                   555                   560  
 Cys Pro Phe Thr Ser Phe Ser Val Pro Asp Pro Gln Leu Ile Lys Thr  
 565                   570                   575  
 Val Thr Ile Asn Ala Ser Ser Ser Arg Ser Gly Leu Asp Asp Ile Asn  
 580                   585                   590  
 Pro Thr Val Leu Leu Lys Glu Arg Ser Thr Glu Leu  
 595                   600

FIG. 2B

CICAATTCA G TCTCTCATCT GCAATAACGT GAAGGGCTGT CCCTTACTT CATTCA GTGTT	1800
TCCAGATCCA GAGCTCATTA AAACAGTCAC CATCAATGCA AGTTCITCCC GCTCCGGACT	1860
AGATGATATC AATGCCACAG TACTACTAAA AGAACGGCTG ACTGAACGTG AGAAGCTA	1920
TGATCATATT TATTTATTTA TATGAACCAT GTCTTAAAT TTAAATTATTT AATAATATTT	1980
ATATTTAACT CCTTATGTTA CTTAACATCT TCTGTAAACAG AAGTCAGTAC TCCGTGCG	2040
GAGAAAGGAG TCATACTTGT GAAGACTTT ATGTCACTAC TCTAAAGATT TTGCTGTCG	2100
TGTTAAGTTT GGAAAACAGT TTTTATTCTG TTTTATAAAC CAGAGAGAAA TGAGTTTGA	2160
CGTCTTTTA CTGAAATTC AACTTATATT ATAAGGACGA AAGTAAAGAT GTTGAATAC	2220
TTAAACACTA TCACAAGATG CCAAAATGCT GAAAGTTTT ACACGTGCA TGTTCCAAT	2280
GCATCTCCA TGATGCATTA GAAGTAACCA ATGTTGAAA TTAAAGTA CTTTGGGTA	2340
TTTTCTGTC ATCAAACAAA ACAGGTATCA GTGCATTATT AAATGAATAT TTAAATTAGA	2400
CATTACCACT AATTTCATGT CTACTTTTA AAATCAGCAA TGAAACAATA ATTGAAATT	2460
TCTAAATTCA TAGGGTAGAA TCACCTGTA AAGCTTGTGTT GATTCTTAA AGTTTAAAAA	2520
CTTGTACATA TACCAAAAAG AAGCTGTCCTT GGATTTAAAT CTGAAAATC AGATGAAATT	2580
TTACTACAAT TGCTTGTAA AATTTTTAT AAGTGTGTT CCTTTTCAC CAAGAGTATA	2640
AACCTTTTA GTGIGACTGT TAAAACCTTC TTTAAATCA AAATGCCAAA TTATTAAGG	2700
TGGTGGAGCC ACTCCAGTGT TATCTCAAAA TAAGAATATC CTGTTGAGAT ATTCCAGAAAT	2760
CCTTTATAT CGCTGGTAAC ATGTAACACCC CGATAACCC CGCCAAAAGG GGTCTACCC	2820
TTGAACATAA AGCAATAACC AAAGGAGAAA AGCCAAATT ATTGGTCCA ATTITAGGGT	2880
TTAAACCTTT TGAAGCAAAC TTCTTCTAG CCTTGTGCAC TGCAGACCTG GTACTCAGAT	2940
TTTGTATGA GGTTAATGAA GTACCAAGCT GTGCTTGAAT AACGATATGT TTCTCAGAT	3000
TTCTGTGTT ACAGTTAAT TTACCAAGTCC ATATCACATT GCAGAGTAG CAATGACCTC	3060
ATAAAATACC TCTTCAAAAT GCTTAAATTC ATTTCACACA TTAAATTATCTCAGCTTG	3120
AAGCCAAATTC AGTAGGTGCA TTGGAATCAA GCGTGGCTAC CTGCACTGCTG TTCTTCT	3180
TTCTTCTTT TAGCCATTTC GCTAAGAGAC ACAGTCCTCT CAAACACTTC GTTCTCTA	3240
TTTGTCTTAA CTAGTTTAA GATCAGAGTT CACTTCTT CGACTCTGCC TATATTTCT	3300
TACCTGAACCTT GCAAGT TTCAAGTAAA CCTCAGCTCA GGACTGCTAT TTAGCTCCTC	3360
TTAAGAAGAT TAAAAAAA AAAAAAG	3387

FIG. 1A

Met Leu Ala Arg Ala Leu Leu Leu Cys Ala Val Leu Ala Leu Ser His  
 1 5 10 15

Thr Ala Asn Pro Cys Cys Ser His Pro Cys Gln Asn Arg Gly Val Cys  
 20 25 30

Met Ser Val Gly Phe Asp Gln Tyr Lys Cys Asp Cys Thr Arg Thr Gly  
 35 40 45

Phe Tyr Gly Glu Asn Cys Ser Thr Pro Glu Phe Leu Thr Arg Ile Lys  
 50 55 60

Leu Phe Leu Lys Pro Thr Pro Asn Thr Val His Tyr Ile Leu Thr His  
 65 70 75 80

Phe Lys Gly Phe Trp Asn Val Val Asn Asn Ile Pro Phe Leu Arg Asn  
 85 90 95

Ala Ile Met Ser Tyr Val Leu Thr Ser Arg Ser His Leu Ile Asp Ser  
 100 105 110

Pro Pro Thr Tyr Asn Ala Asp Tyr Gly Tyr Lys Ser Trp Glu Ala Phe  
 115 120 125

Ser Asn Leu Ser Tyr Tyr Thr Arg Ala Leu Pro Pro Val Pro Asp Asp  
 130 135 140

Cys Pro Thr Pro Leu Gly Val Lys Gly Lys Lys Gln Leu Pro Asp Ser  
 145 150 155 160

Asn Glu Ile Val Glu Lys Leu Leu Leu Arg Arg Lys Phe Ile Pro Asp  
 165 170 175

Pro Gln Gly Ser Asn Met Met Phe Ala Phe Phe Ala Gln His Phe Thr  
 180 185 190

His Gln Phe Phe Lys Thr Asp His Lys Arg Gly Pro Ala Phe Thr Asn  
 195 200 205

Gly Leu Gly His Gly Val Asp Leu Asn His Ile Tyr Gly Glu Thr Leu  
 210 215 220

Ala Arg Gln Arg Lys Leu Arg Leu Phe Lys Asp Gly Lys Met Lys Tyr  
 225 230 235 240

Gln Ile Ile Asp Gly Glu Met Tyr Pro Pro Thr Val Lys Asp Thr Gln  
 245 250 255

Ala Glu Met Ile Tyr Pro Pro Gln Val Pro Glu His Leu Arg Phe Ala  
 260 265 270

Val Gly Gln Glu Val Phe Gly Leu Val Pro Gly Leu Met Met Tyr Ala  
 275 280 285

Thr Ile Trp Leu Arg Glu His Asn Arg Val Cys Asp Val Leu Lys Gln  
 290 295 300

FIG. 1B

Glu His Pro Glu Trp Gly Asp Glu Gln Leu Phe Gln Thr Ser Arg Leu  
305 310 315 320

Ile Leu Ile Gly Glu Thr Ile Lys Ile Val Ile Glu Asp Tyr Val Gln  
325 330 335

His Leu Ser Gly Tyr His Phe Lys Leu Lys Phe Asp Pro Glu Leu Leu  
340 345 350

Phe Asn Lys Gln Phe Gln Tyr Gln Asn Arg Ile Ala Ala Glu Phe Asn  
355 360 365

Thr Leu Tyr His Trp His Pro Leu Leu Pro Asp Thr Phe Gln Ile His  
370 375 380

Asp Gln Lys Tyr Asn Tyr Gln Gln Phe Ile Tyr Asn Asn Ser Ile Leu  
385 390 395 400

Leu Glu His Gly Ile Thr Gln Phe Val Glu Ser Phe Thr Arg Gln Ile  
405 410 415

Ala Gly Arg Val Ala Gly Gly Arg Asn Val Pro Pro Ala Val Gln Lys  
420 425 430

Val Ser Gln Ala Ser Ile Asp Gln Ser Arg Gln Met Lys Tyr Gln Ser  
435 440 445

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